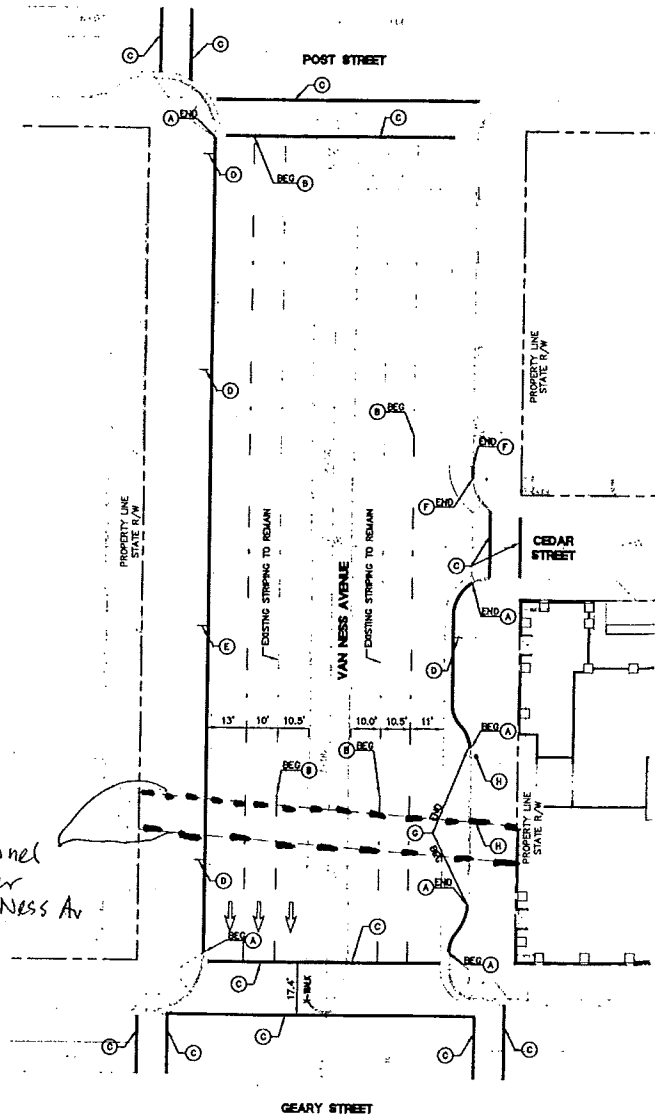


STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 ROBERT C. STEVENS
 DESIGNED BY
 MM
 CHECKED BY
 DJ
 REVISIONS BY
 DATE REVISIONS

JOB NO.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SFO	101	5.6	10	27
REGISTERED CIVIL ENGINEER		DATE			
PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF DRAWN COPIES OF THIS PLAN SHEET.</small>					
BKT ENGINEERS 1646 N. CALIFORNIA BLVD, STE 400 WALNUT CREEK, CA. 94596			CALIFORNIA PACIFIC MEDICAL CENTER P.O. BOX 7999 SAN FRANCISCO, CA. 94120		

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Van Ness



STRIPING AND SIGNAGE LEGEND

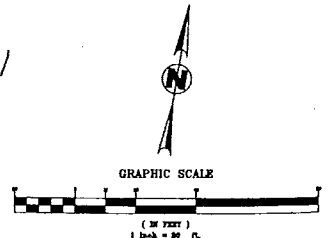
- (A) PAINT RED CURB
 - (B) 4" WHITE THERMOPLASTIC STRIPE PER 2006 STANDARD CALTRANS PLAN A20A DETAIL 9.
 - (C) 12" WHITE THERMOPLASTIC STRIPE PER 2006 STANDARD CALTRANS PLAN A24E CROSSWALK DETAIL.
 - (D) INSTALL "NO PARKING" SIGN PER (CA) MUTED STANDARDS & CITY OF SAN FRANCISCO STANDARDS, COORDINATE WITH CITY OF SAN FRANCISCO MTA.
 - (E) INSTALL STATE ROUTE 101 SIGN, COORDINATE WITH CALTRANS.
 - (F) PAINT BLUE CURB
 - (G) PAINT YELLOW CURB
 - (H) INSTALL PARKING METER 2' AWAY FROM FACE OF CURB
- ← ROADWAY STRIPING
TYPE 1 ARROW (18"-0") PER CALTRANS STANDARD PLAN A24A

STRIPING AND SIGNAGE NOTES

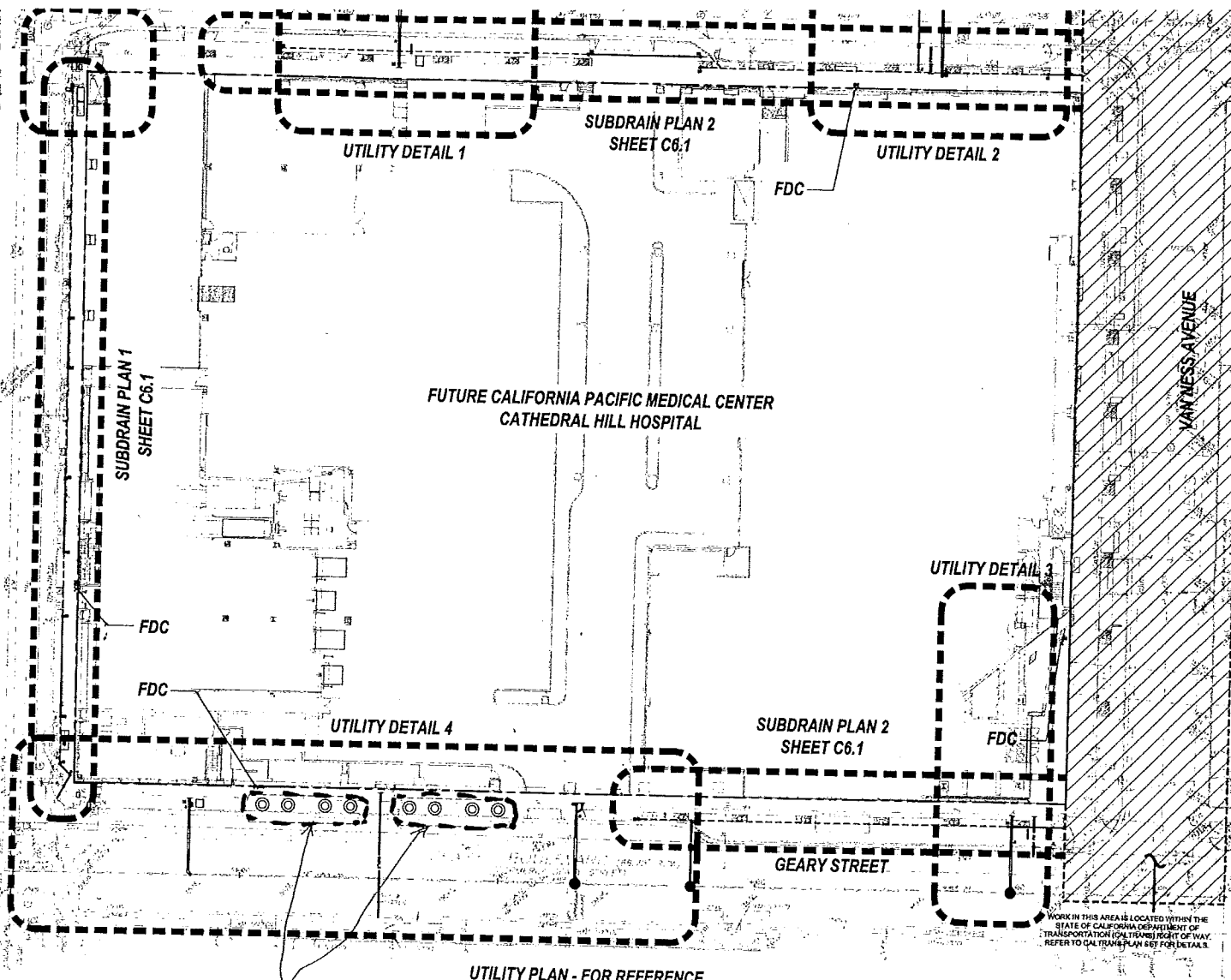
1. INSTALL NEW STRIPING IN KIND WITH EXISTING STRIPING AND MAINTAIN SPACING AND PATTERN REQUIREMENTS PER CALTRANS STANDARD PLANS, MAY 2006.

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Encroachment # 1



STRIPING PLAN
 SCALE 1"=20'
 ST-1



**FUTURE CALIFORNIA PACIFIC MEDICAL CENTER
CATHEDRAL HILL HOSPITAL**

UTILITY PLAN - FOR REFERENCE
SCALE 1"=20'

underground fuel tank

Encasement # 2

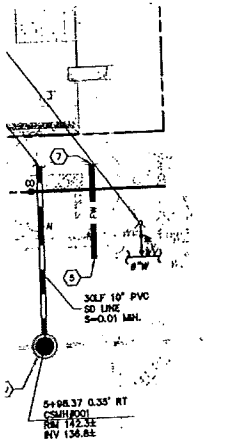
4. FOR GREASE INTERCEPTOR INFORMATION, SEE PLUMBING/MECH
5. A MINIMUM OF TWELVE (12) INCHES CLEARANCE SHALL BE MAINTAINED ADJACENT UTILITY PIPES AT ALL UTILITY CROSSINGS UNLESS OTHERWISE NOTED.
6. CONTRACTOR SHALL PROTECT ALL UTILITIES FROM DAMAGE DUE TO SUBGRADE MATERIAL AND PRIOR TO PLACEMENT OF FINAL SURFACE.
7. CONTRACTOR IS CAUTIONED THAT PVC PIPE DERIVES ITS STRENGTH FROM COMPACTED BEDDING MATERIAL BELOW AND BESIDE THE PIPE. CONTRACTOR SHALL EXERCISE CARE IN THE PLACEMENT AND COMPACTING OF THIS MATERIAL.
8. CONTRACTOR TO COORDINATE INSTALLATION OF DOMESTIC WATER STRUCTURES WITH THE WATER DEPARTMENT OF SAN FRANCISCO (CONTACT PERSON, THINH NGUYEN). WORK FROM THROUGH THE METER IS TO BE DONE BY THE WATER DEPARTMENT OF SAN FRANCISCO.
9. CONTRACTOR TO COORDINATE INSTALLATION OF FIRE SERVICE A DEPARTMENT OF SAN FRANCISCO AT (415) 350-4916 (CONTACT THINH NGUYEN). WORK IS TO BE DONE BY THE WATER DEPARTMENT OF SAN FRANCISCO.
10. SEE FIRE PROTECTION ENGINEER PLANS AT BUILDING CONNECTING SERVICE SHALL BE DESIGNED AND SIZED BY A PROPERLY LICENSED PROTECTION ENGINEER OR DESIGN-BUILD FIRE SPRINKLER CONSULTANT WITH FIRE SPRINKLER DESIGN AND CALCULATIONS.
11. LENGTHS OF SANITARY SEWER AND STORM DRAIN PIPES ARE INDICATED DISTANCES FROM CENTER TO CENTER STRUCTURES, ROUNDED TO THE NEAREST FOOT AND ARE SHOWN FOR ENGINEERING CALCULATIONS ONLY. CONTRACTOR SHALL ESTIMATE HIS OWN PIPE LENGTHS PRIOR TO BIDDING.
12. CONTRACTOR SHALL CONSTRUCT ALL SANITARY SEWER FACILITIES AS SHOWN ON THESE PLANS AND IN CONFORMANCE WITH THE SAN FRANCISCO STANDARD PLANS AND SPECIFICATIONS. CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF THESE PLANS WITH THE STANDARD PLANS AND SPECIFICATIONS.
13. EXISTING PIPE LINES MAY HAVE CATHODIC PROTECTION. CONTRACTOR SHALL VERIFY THAT ALL CONNECTIONS TO EXISTING PIPE LINES ARE IN ACCORDANCE WITH THE PIPE LINE.
14. CATHODIC PROTECTION IS REQUIRED FOR ALL FIRE LINES PER CITY OF SAN FRANCISCO FIRE DEPARTMENT STANDARDS AND SPECIFICATIONS.
15. CONTRACTOR TO COORDINATE WORK WITH PG&E.
16. SEE ELECTRICAL DRAWING FOR ELECTRICAL SERVICE LOCATION A PROJECT AREA.
17. SEE TELECOMMUNICATIONS DRAWINGS FOR LOCATION OF EXISTING COMMUNICATION LINES AROUND PROJECT AREA.

- LEGEND**
- MANHOLE PER CITY OF SAN FRANCISCO STANDARD PLANS AND SPECIFICATIONS
 - SW SIDE SEWER TRAP AND AIR INLET PER CITY OF SAN FRANCISCO STANDARD PLANS AND SPECIFICATIONS
 - CLEANOUT PER CITY OF SAN FRANCISCO STANDARD PLANS AND SPECIFICATIONS. SEE ALSO MEP PLANS
 - WM WATER METER BOX SEE NOTE 8.
 - 4" SUBDRAIN, SEE LANDSCAPE PLANS FOR DETAIL.

- ABBREVIATIONS**
- CSMH COMBINED SEWER MANHOLE
 - DW DOMESTIC WATER
 - I.E. INVERT ELEVATION
 - FDC FIRE DEPARTMENT CONNECTION
 - FW FIRE WATER
 - G GAS
 - GR GRATE ELEVATION
 - HPC HIGH PRESSURE GAS
 - MEP MECHANICAL/PLUMBING
 - PC POLYETHYLENE CHLORIDE
 - SD STORM DRAIN
 - SS SANITARY SEWER

- KEYNOTES**
1. CONNECT TO (E) 12" COMBINED SEWER SYSTEM MAIN. SEE CITY OF SAN FRANCISCO STANDARD PLANS AND SPECIFICATIONS.
 2. STUB 4" SD LINE FOR FUTURE CONSTRUCTION. REFER TO CATHEDRAL HILL AND MEDICAL OFFICE BUILDING PERMIT PLANS FOR CONTINUATION.
 3. 8" SS LINES POC. SEE MEP PLANS FOR DETAILS.
 4. CONNECT TO (E) 8" WATER MAIN. SEE NOTES 8 AND/OR SEE CITY OF SAN FRANCISCO PUC STANDARD PLANS AND SPECIFICATIONS.
 5. CONNECT TO (E) 4" WATER MAIN. SEE NOTES 8 AND/OR SEE CITY OF SAN FRANCISCO PUC STANDARD PLANS AND SPECIFICATIONS.
 6. 8" DOMESTIC WATER SERVICE LINE POC. SEE MEP PLANS FOR DETAILS.
 7. 8" FIRE WATER SERVICE LINE POC. SEE NOTE 10. SEE MEP PLANS FOR DETAILS.
 8. 8" SD LINE POC. SEE MEP PLANS FOR DETAILS.
 9. 10" SD LINE POC. SEE MEP PLANS FOR DETAILS.
 10. 12" SS LINE POC. SEE MEP PLANS FOR DETAILS.
 11. HIGH PRESSURE GAS LINE POC. SEE MEP PLANS FOR DETAILS.

LIT DETAIL 3
SCALE 1"=10'



UTILITY DETAIL 3
SCALE 1"=10'

UTILITY DETAIL 3
SCALE 1"=10'

UTILITY DETAIL 3
SCALE 1"=10'

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SCALE 1"=10'

UTILITY DETAIL 3
SCALE 1"=10'

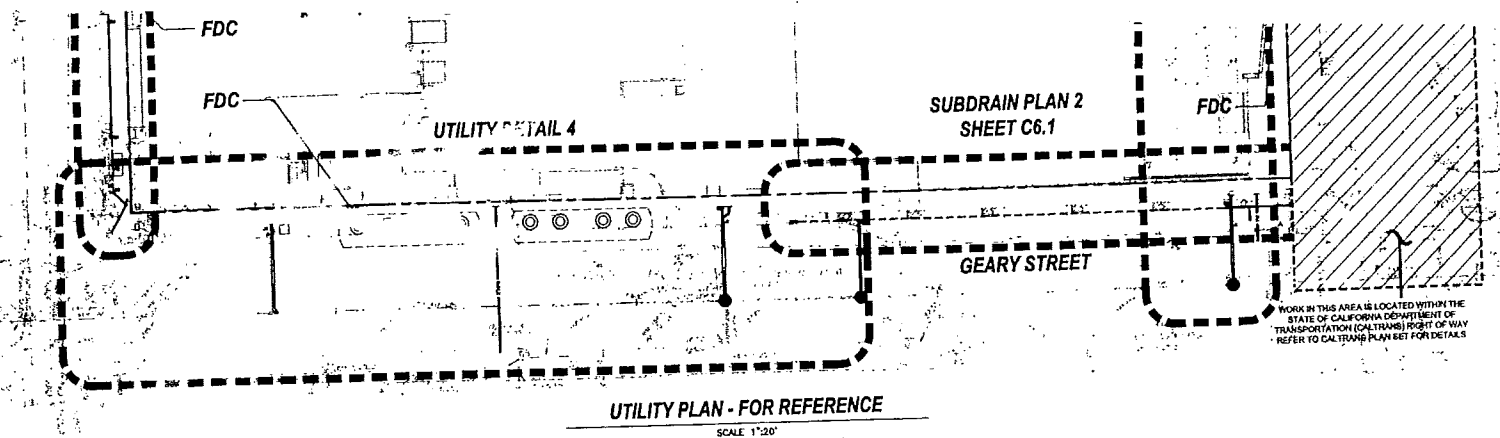
UTILITY DETAIL 3
SCALE 1"=10'

UTILITY DETAIL 3
SCALE 1"=10'

UTILITY DETAIL 3
SCALE 1"=10'

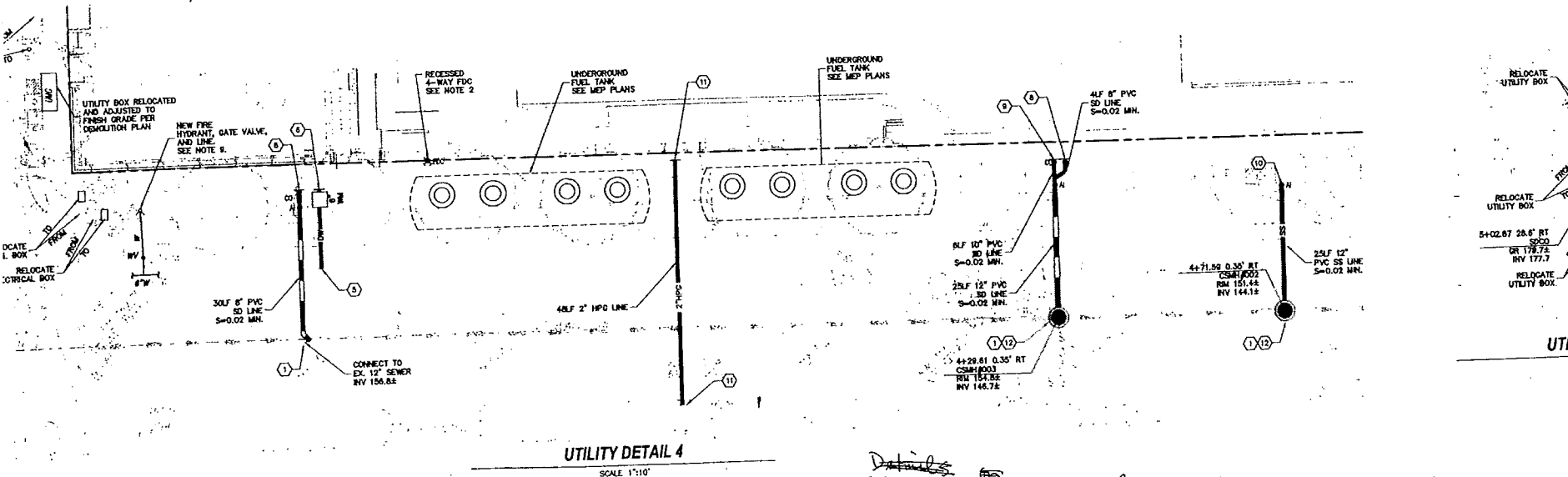
UTILITY DETAIL 3
SCALE 1"=10'

UTILITY DETAIL 3
SCALE 1"=10'

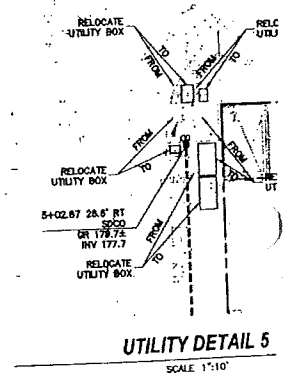


UTILITY PLAN - FOR REFERENCE
SCALE 1"=20'

- KEYNOTES**
- 1. CONNECT SEE CITY SPECIFIC
 - 2. STUB 4" REFER TO BUILDING
 - 3. 8" SS L SEE MEI
 - 4. CONNECT SEE CITY SPECIFIC
 - 5. CONNECT SEE CITY SPECIFIC
 - 6. 8" FIRE SEE MEI
 - 7. 8" SD SEE MEI
 - 8. 10" SE SEE MEI
 - 9. 12" SE SEE MEI
 - 10. HIGH I SEE N SEE MEI
 - 11. FOR 5 INCH WATER FRAM
 - 12. FOR 5 INCH WATER FRAM

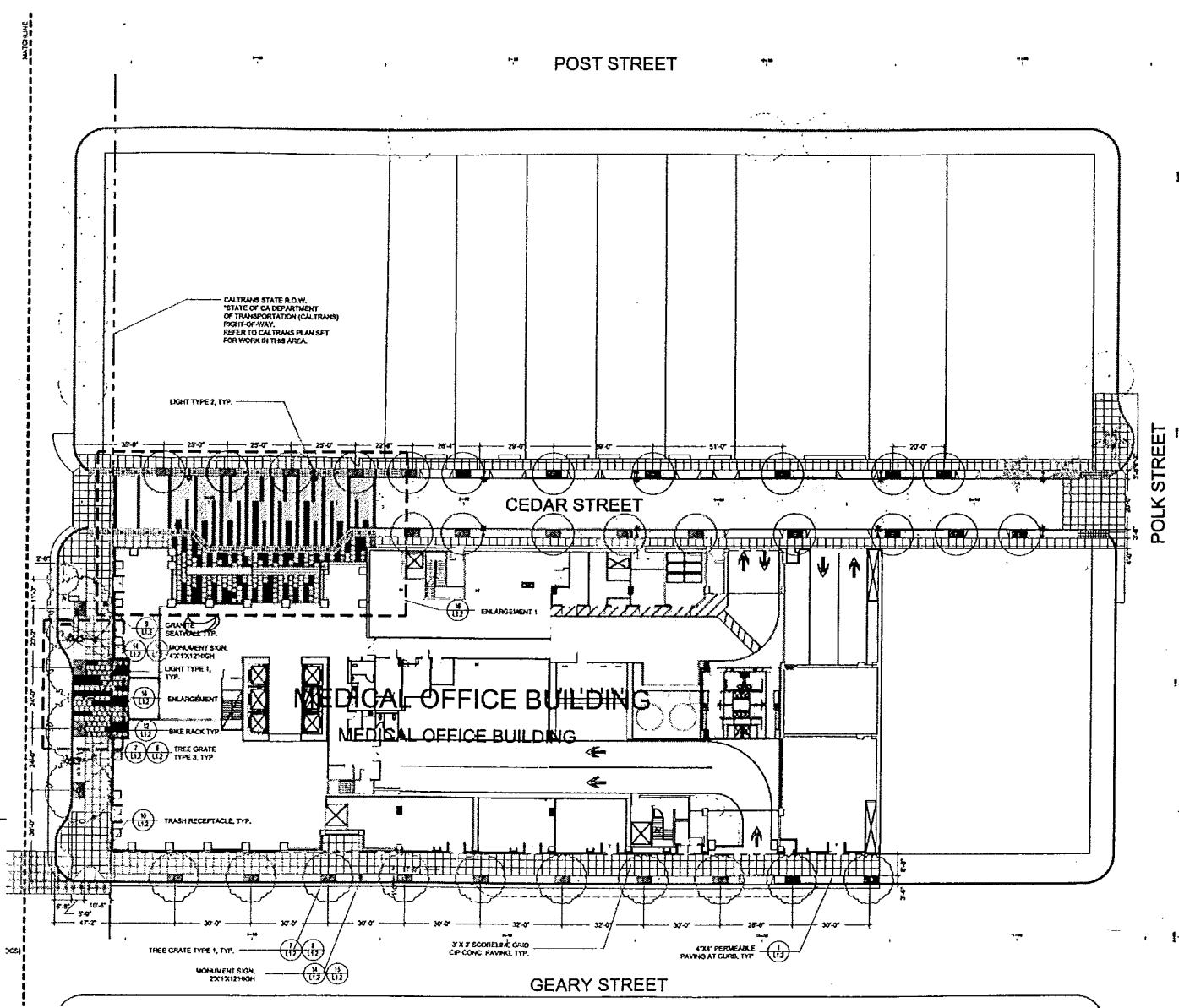


UTILITY DETAIL 4
SCALE 1"=10'



UTILITY DETAIL 5
SCALE 1"=10'

Enlarge drawing for fuel tank



Encroachment
3.